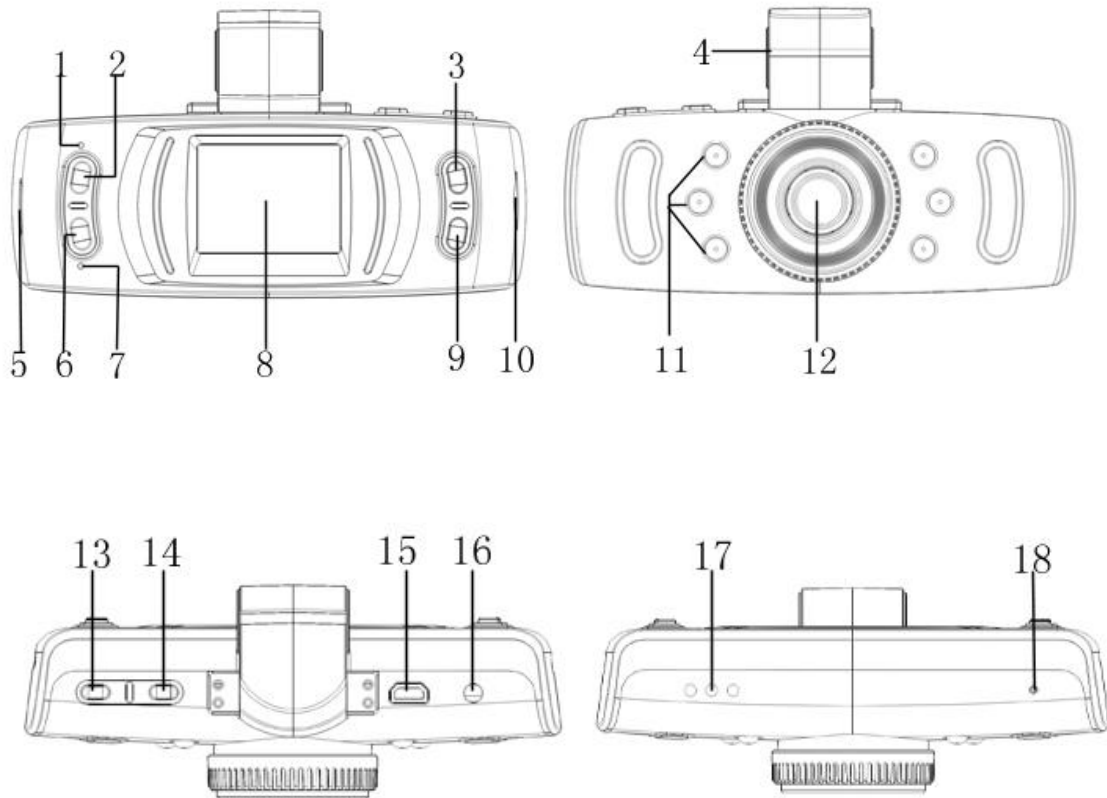


User manual

Product description

- Product structure



- | | | |
|------------------------------|---------------------|-------------------|
| 1) Operating indicator light | 2) MENU | 3) UP button |
| 4) Bracket hole | 5) HDMI-OUT | 6) MODE |
| 7) Charging indicator light | 8) Display screen | 9) DOWN button |
| 10) TF slot | 11) LED flash light | 12) Camera |
| 13) OK button | 14) Power button | 15) USB interface |
| 16) AV-OUT | 17) Speaker | 18) Reset hole |

Button and interface function description:

- 1) Operating indicator light
Indicator light of taking photo , recording and replay, it will light up after power on.
- 2) MENU button
Short press on this button to show function setting menu.
- 3) UP button
Short press on this button in standby and recording status can zoom out digital.
Choose up function in MENU item
- 4) Bracket hole
Install vehicle bracket hole
- 5) HDMI-OUT
HDMI-out interface to connect HD display device.
- 6) MODE
Short press on this button to shift among “photo mode-REC mode –playback mode”
- 7) Charging indicator light
This light will light up when connected to vehicle power, light off after charging completed.
- 8) Screen
View window
- 9) DOWN button
Short press on this button in standby and recording status can zoom in digital.
Choose down function in MENU item
- 10) TF slot
Slot for memory card
- 11) LED flash light
Night vision flash light which can be open by short press on “POWER”

button.

- 12) Camera

120° wide-angle lens;

- 13) OK button

Confirmation button for video recording and taking photo;

In recording mode, press this mode to start video recording, re-press to stop;

In photo mode , Short press to take photo.

In menu mode means Confirmation button.

- 14) POWER ON/OFF

Power switch: continuous press for power on/off, shortly press for flash light on/off.

- 15) USB data interface

Connect PC for Data transfer

Connect external power to charge battery or provide working power .

- 16) AV-OUT

TV output, connect TV or video display devices through AV cable

- 17) Speaker

video playback ,voice monitor, operating sound warning

- 18) Reset slot

Use this to restart when crash

Special function description

- G-sensor function

When gravitational acceleration reach 6g(1g=9.80m/s), machine will save present video as undeletable files

Automatic power on/off function

- **Support recording Start and shutdown synchronization with Auto and save the video files** After connect to the car power supply

- Seamless loop recording, don't leak second

REC/photo operation specifications

- Power on/off

Long press on “power on/off” button to start, Indicator light will shine when power on

Then long press again on “power on/off” button to shutdown and the indicator light go out

Notice: video instrument will automatically power off after waning of low battery

- REC mode

Short press on “MODE” button shift to REC mode, REC icon is on the top left corner

Short press on “OK” mode to start recording, flashing red dot on REC icon indicate the recording is on the way

- Photo mode

Short press on “MODE” button shift to photo mode, an photo icon is on the top left corner

Then short press on “OK” button to take a photo, screen flash one time means photo completed

- Video/photo playback

Short press on “MODE” button, shift to playback mode , playback icon is on the top left corner

Short press on  key can choose files up

Short press on  key can choose files down

Short press on “OK” button to play the selected video files

- Menu setting

Short press on “menu” mode, enter video set status, and now the background color is yellow in “video icon” column; then press “MODE” button again shift to set status, the “set icon” column background is yellow.

In the setting items, press on   keys can make shift up and down in subitems, then press “OK” button to set subitems.

Short press on “MENU” or “MODE” button can exit the setting status.

Time settings

Short press “MENU” button to enter “setting status”, here short press on ‘menu” button to set

menu. Through   keys to choose date time items, short press “OK” to enter, short press on “MENU” button can make shifts among y/m/d/h/m/s.

Adjust figure through   buttons, then press “OK” button to confirm modification.

USB mode

Separate USB cable and computer, press “power on” button, car DVR will automatically show USB menu , two mode are available :

1: USB-Disk

In this mode we can access video files and photo files

2: PC-Camera

In this mode USB video equipment are shown, can take photo or make video chat

Battery instruction

- Battery indication image:

 Full battery  slightly low battery  low battery  battery empty

- There are three methods to charge, the red indicator light up when charging, the entire charging time is about 180 minutes, and the red indicator light automatically off when charging completed.
 1. Use power adapter to charge
 2. Use PC-USB to charge
 3. Use car power to charge

Notice: Video instrument can only use 5V car power supply, or it may cause device damage.

This products Car power can only be used in 12V/14V

Remark: when appear crash because of improper operation, we can remove battery or press “reset” button to restart.

● Products specifications

Features	HD camera, HD video recording
G-sensor	Built-in (car accident case of emergency save, will not be deleted)
LCD screen size	1.5LTIPS
camera	120 A + grade high-resolution ultra wide-angle len
Language	Russian, Japanese、French, Italian, German, spanish, English, Chinese (simplified), Chinese (Traditional), Korean, etc...
Files format	AVI
Resolution	Max 1080P
Recording video format	M-JPEG
Color	standard
Continuous loop video	seamless loop recording, don't leak second
Automatically power on/off	Support auto ignition boot, turn off shutdown
Motion Detection Function	support
Time synchronization	Support (Y/M/D/H/M)
Carrier media	Built-in memory (total:64MB)
Photo mode	5million
Photo format	JPEG
Memory card	TF (max 32GB)
MIC	Support
Built-in stereo	Support
Infrared night vision	Support

Video output	AV-OUT/HDMI
Video format	PAL/NTSC
Current frequency	50HZ/60HZ
USB function	1: USB-Disk 2: PC-Camera
Power interface	5V 800ma
Battery	Built-in 800mAh

Trouble shooting:

➤ For problems in normal operating situation ,please try these methods below:

- **Can' t take photo and recording**

Check the if the TF card has enough space or locked

- **Automatically stop when recording**

Use the compatible high-speed TF card with SDHC because of big HD video data, the high-speed TF card have identifying of C4 and C6

- **Appear “files error” when replay photo or video**

Uncompleted files because of TF card storage error, please use formatting function to format your TF card

- **No image on HD TV screen**

To make sure that AV,HDMI cable plug have connected correctly, and TV have reset in the AV,HDMI condition

- **Unclear video**

Check if there are any dirt or fingerprint; and use lens paper to clear the camera len.

- **Black image when recording sky or water scene**

Scenes with big contrast will influence the automatic exposure function of camera, you can adjust “EV in setting mode to correct.

- **Color is not perfect in cloudy day and outdoor light**

Set the “white balance” function to automatic

- **cross stripe interference in image**

Because of wrong “light frequency” ,please set it to 50Hz or 60Hz according to the local power supply frequency

- **Crash**

Restart by pressing shortly on" RESET" button after crash